

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Gregory D. Van Wiggeren

Serial No.:

Examiner:

Filing Date:

Group Art Unit:

Title: PHASE NOISE COMPENSATION IN AN INTERFEROMETRIC SYSTEM

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 processing fee under 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 50-1078 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25.

☐ Applicant(s) submit herewith Form PTO 1449. All the references identified herein were disclosed in Patent Application No. \_\_\_\_\_ filed \_\_\_\_\_, now U. S. Patent No. \_\_\_\_\_, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. ET418875717US

Date of Deposit Dec. 6, 2001

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By Judith E. Brown  
Typed Name: Judith E. Brown

Respectfully submitted,

Gregory D. Van Wiggeren

By Terry McHugh  
Terry McHugh  
Attorney/Agent for Applicant(s)  
Reg. No. 33,261

Date: Dec. 6, 2001



#3  
13 Feb 02  
R. Talbot

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10010750-1

SERIAL NO.

APPLICANT

Gregory D. Van Wiggeren

FILING DATE

GROUP

Jc978 U.S. PRO  
10/006490

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME
	1A	6,181,429	Jan. 30, 2001	Barberis et al.
	1B	6,008,487	Dec. 28, 1999	Tachikawa et al.
	1C	5,956,355	Sept. 21, 1999	Swanson et al.
	1D			
	1E			
	1F			
	1G			
	1H			
	1I			
	1J			
	1K			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO
	1L					
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	Tinto, Massimo and Armstrong, John "Cancellation of Laser Noise in an Unequal-Arm Interferometer," <a href="http://www.nasatech.com/Briefs/Mar00/NPO2061.html">http://www.nasatech.com/Briefs/Mar00/NPO2061.html</a>
	1R	
	1S	

EXAMINER

DATE CONSIDERED